

WHAT IS CLAIMED IS:

1. A composition to promote wound healing and to reduce pruritus resulted from insect bites, comprising a therapeutically effective amount of zinc derivative and glycosaminoglycan admixed with non-medicinal carriers.
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2. The composition according to claim 1, wherein said glycosaminoglycan is heparin derivative.
- 10 3. The composition according to claim 1, wherein said zinc derivative is zinc oxide and said glycosaminoglycan is sodium heparin.
- 15 4. The composition according to claim 3, wherein said effective amount for zinc oxide is in the range of 1-20 mg/g and for sodium heparin is in the range of 100-300 USP units/g of said composition.
- 20 5. The composition according to claim 4, wherein said effective amount for zinc oxide is 5 mg/g and for sodium heparin is 160 USP units/g of said composition.

6. The composition according to claim 1, wherein said non-medicinal carriers is selected from the group consisting of carboxymethylcellulose, glycerin, methylparaben, polysorbate, propylparaben and water.

5 7. A method for promoting wound healing and reducing pruritus resulted from insect bites, comprising applying topically to the affected area an effective amount of zinc derivative and glycosaminoglycan composition admixed with non-medicinal carriers.

10 8. The method according to claim 7, wherein said glycosaminoglycan is heparin derivative.

9. The method according to claim 7, wherein said zinc derivative is zinc oxide and said glycosaminoglycan is sodium heparin.

15 10. The method according to claim 9, wherein said effective amount for zinc oxide is in the range of 1-20 mg/g and for sodium heparin is in the range of 100-300 USP units/g of said composition.

20 11. The method according to claim 10, wherein said effective amount for zinc oxide is 5 mg/g and for sodium heparin is 160 USP units/g of said composition.

12. The method according to claim 7, wherein said non-medicinal carriers is selected from the group consisting of carboxymethylcellulose, glycerin, methylparaban, polysorbate, propylparaben and water.

5 13. Use of an effective amount of zinc derivative and heparin derivative admixed with non-medicinal carriers for treating insect bites on human, wherein said effective amount for zinc derivatives is in the range of 1-20 mg/g and for heparin derivative is in the range of 100-300 USP units/g of said admixture.

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